

Table ENG-3. - Building Site Development

Essex County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

| Map Symbol and Soil Name | Pct of Map Unit | Dwellings without Basements | | Dwellings with Basements | | Small Commercial Buildings | |
|--------------------------|-----------------|---|--------------|---|--------------|---|--------------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 1A: | | | | | | | |
| Atlee | 80 | Somewhat limited Depth to saturated zone | 0.39 | Very limited Depth to saturated zone | 1.00 | Somewhat limited Depth to saturated zone | 0.39 |
| Emporia | | Not Rated | | Not Rated | | Not Rated | |
| Kempsville | | Not Rated | | Not Rated | | Not Rated | |
| 2A: | | | | | | | |
| Augusta | 90 | Somewhat limited Depth to saturated zone | 0.98 | Very limited Depth to saturated zone | 1.00 | Somewhat limited Depth to saturated zone | 0.98 |
| Munden | | Not Rated | | Not Rated | | Not Rated | |
| Tetotum | | Not Rated | | Not Rated | | Not Rated | |
| Tomotley | | Not Rated | | Not Rated | | Not Rated | |
| 3A: | | | | | | | |
| Bibb | 85 | Very limited Flooding Depth to saturated zone | 1.00 1.00 | Very limited Flooding Depth to saturated zone | 1.00 1.00 | Very limited Flooding Depth to saturated zone | 1.00 1.00 |
| Catpoint | | Not Rated | | Not Rated | | Not Rated | |
| Rappahanock | | Not Rated | | Not Rated | | Not Rated | |
| 4A: | | | | | | | |
| Bojac | 85 | Not limited | | Somewhat limited Depth to saturated zone | 0.15 | Not limited | |
| Munden | | Not Rated | | Not Rated | | Not Rated | |
| State | | Not Rated | | Not Rated | | Not Rated | |
| 5A: | | | | | | | |
| Bolling | 90 | Somewhat limited Depth to saturated zone | 0.39 | Very limited Depth to saturated zone Shrink-swell | 1.00 0.50 | Somewhat limited Depth to saturated zone | 0.39 |
| Molena | | Not Rated | | Not Rated | | Not Rated | |
| Pamunkey | | Not Rated | | Not Rated | | Not Rated | |

Table ENG-3. - Building Site Development - Continued

Essex County, Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Dwellings without Basements | | Dwellings with Basements | | Small Commercial Buildings | |
|--------------------------|-----------------|---|--------------|---|--------------|---|--------------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 6B: | | | | | | | |
| Catpoint | 90 | Not limited | | Somewhat limited Depth to saturated zone | 0.15 | Not limited | |
| Munden | | Not Rated | | Not Rated | | Not Rated | |
| Tetotum | | Not Rated | | Not Rated | | Not Rated | |
| 7A: | | | | | | | |
| Chickahominy | 85 | Very limited Depth to saturated zone Shrink-swell | 1.00 0.50 | Very limited Depth to saturated zone Shrink-swell | 1.00 0.50 | Very limited Depth to saturated zone Shrink-swell | 1.00 0.50 |
| Ponded soils | | Not Rated | | Not Rated | | Not Rated | |
| Tetotum | | Not Rated | | Not Rated | | Not Rated | |
| Tomotley | | Not Rated | | Not Rated | | Not Rated | |
| 8A: | | | | | | | |
| Dogue | 85 | Somewhat limited Shrink-swell Depth to saturated zone | 0.50 0.07 | Very limited Depth to saturated zone Shrink-swell | 1.00 0.50 | Somewhat limited Shrink-swell Depth to saturated zone | 0.50 0.07 |
| Chickahominy | | Not Rated | | Not Rated | | Not Rated | |
| Newflat | | Not Rated | | Not Rated | | Not Rated | |
| State | | Not Rated | | Not Rated | | Not Rated | |
| Tetotum | | Not Rated | | Not Rated | | Not Rated | |
| 9A: | | | | | | | |
| Emporia | 90 | Not limited | | Somewhat limited Depth to saturated zone | 0.73 | Not limited | |
| Kempsville | | Not Rated | | Not Rated | | Not Rated | |
| Slagle | | Not Rated | | Not Rated | | Not Rated | |
| 9B: | | | | | | | |
| Emporia | 90 | Not limited | | Somewhat limited Depth to saturated zone | 0.73 | Not limited | |
| Kempsville | | Not Rated | | Not Rated | | Not Rated | |
| Slagle | | Not Rated | | Not Rated | | Not Rated | |

Table ENG-3. - Building Site Development - Continued

Essex County, Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Dwellings without Basements | | Dwellings with Basements | | Small Commercial Buildings | |
|--------------------------|-----------------|--|----------------------|--|----------------------|--|----------------------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 9C: | | | | | | | |
| Emporia | 80 | Not limited | | Somewhat limited Depth to saturated zone | 0.73 | Very limited Slope | 1.00 |
| Kempsville | | Not Rated | | Not Rated | | Not Rated | |
| Slagle | | Not Rated | | Not Rated | | Not Rated | |
| 10A: | | | | | | | |
| Kempsville | 80 | Not limited | | Not limited | | Not limited | |
| Emporia | | Not Rated | | Not Rated | | Not Rated | |
| Slagle | | Not Rated | | Not Rated | | Not Rated | |
| Suffolk | | Not Rated | | Not Rated | | Not Rated | |
| 10B: | | | | | | | |
| Kempsville | 80 | Not limited | | Not limited | | Not limited | |
| Emporia | | Not Rated | | Not Rated | | Not Rated | |
| Slagle | | Not Rated | | Not Rated | | Not Rated | |
| Suffolk | | Not Rated | | Not Rated | | Not Rated | |
| 10C: | | | | | | | |
| Kempsville | 95 | Not limited | | Not limited | | Very limited Slope | 1.00 |
| Emporia | | Not Rated | | Not Rated | | Not Rated | |
| 11A: | | | | | | | |
| Levy | 95 | Very limited Ponding Flooding Depth to saturated zone | 1.00 1.00 1.00 | Very limited Ponding Flooding Depth to saturated zone | 1.00 1.00 1.00 | Very limited Ponding Flooding Depth to saturated zone | 1.00 1.00 1.00 |
| Rappahannock | | Not Rated | | Not Rated | | Not Rated | |
| 12A: | | | | | | | |
| Molena | 85 | Not limited | | Not limited | | Not limited | |
| Munden | | Not Rated | | Not Rated | | Not Rated | |
| Pamunkey | | Not Rated | | Not Rated | | Not Rated | |
| 12B: | | | | | | | |
| Molena | 85 | Not limited | | Not limited | | Not limited | |

Table ENG-3. - Building Site Development - Continued

Essex County, Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Dwellings without Basements | | Dwellings with Basements | | Small Commercial Buildings | |
|--------------------------|-----------------|--|----------------------|--|----------------------|--|----------------------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 12B: | | | | | | | |
| Munden | | Not Rated | | Not Rated | | Not Rated | |
| Pamunkey | | Not Rated | | Not Rated | | Not Rated | |
| 13A: | | | | | | | |
| Munden | 80 | Somewhat limited Depth to saturated zone | 0.39 | Very limited Depth to saturated zone | 1.00 | Somewhat limited Depth to saturated zone | 0.39 |
| Bojac | | Not Rated | | Not Rated | | Not Rated | |
| State | | Not Rated | | Not Rated | | Not Rated | |
| Tetotum | | Not Rated | | Not Rated | | Not Rated | |
| 14A: | | | | | | | |
| Newflat | 85 | Very limited Depth to saturated zone Shrink-swell | 1.00 0.50 | Very limited Depth to saturated zone Shrink-swell | 1.00 0.50 | Very limited Depth to saturated zone Shrink-swell | 1.00 0.50 |
| Chickahominy | | Not Rated | | Not Rated | | Not Rated | |
| Tetotum | | Not Rated | | Not Rated | | Not Rated | |
| 15A: | | | | | | | |
| Pamunkey | 90 | Not limited | | Somewhat limited Depth to saturated zone | 0.15 | Not limited | |
| Bolling | | Not Rated | | Not Rated | | Not Rated | |
| Molena | | Not Rated | | Not Rated | | Not Rated | |
| 16: | | | | | | | |
| Pits | 100 | Not Rated | | Not Rated | | Not Rated | |
| 17A: | | | | | | | |
| Rappahannock | 70 | Very limited Ponding Flooding Depth to saturated zone | 1.00 1.00 1.00 | Very limited Ponding Flooding Depth to saturated zone | 1.00 1.00 1.00 | Very limited Ponding Flooding Depth to saturated zone | 1.00 1.00 1.00 |
| 18B: | | | | | | | |
| Rumford | 90 | Not limited | | Not limited | | Not limited | |
| Kempsville | | Not Rated | | Not Rated | | Not Rated | |
| Suffolk | | Not Rated | | Not Rated | | Not Rated | |

Table ENG-3. - Building Site Development - Continued

Essex County, Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Dwellings without Basements | | Dwellings with Basements | | Small Commercial Buildings | |
|--------------------------|-----------------|---|--------------|--|----------------------|---|--------------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 19E: | | | | | | | |
| Rumford | 45 | Very limited Slope | 1.00 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| Emporia | 30 | Very limited Slope | 1.00 | Very limited Slope Depth to saturated zone | 1.00 0.73 | Very limited Slope | 1.00 |
| Bibb | | Not Rated | | Not Rated | | Not Rated | |
| Kempsville | | Not Rated | | Not Rated | | Not Rated | |
| Slagle | | Not Rated | | Not Rated | | Not Rated | |
| 20D: | | | | | | | |
| Rumford | 45 | Somewhat limited Slope | 0.37 | Somewhat limited Slope | 0.37 | Very limited Slope | 1.00 |
| Slagle | 25 | Somewhat limited Slope Depth to saturated zone | 0.37 0.07 | Very limited Depth to saturated zone Shrink-swell Slope | 1.00 0.50 0.37 | Very limited Slope Depth to saturated zone | 1.00 0.07 |
| Bibb | | Not Rated | | Not Rated | | Not Rated | |
| Dogue | | Not Rated | | Not Rated | | Not Rated | |
| Kempsville | | Not Rated | | Not Rated | | Not Rated | |
| Suffolk | | Not Rated | | Not Rated | | Not Rated | |
| 21B: | | | | | | | |
| Slagle | 80 | Somewhat limited Depth to saturated zone | 0.07 | Very limited Depth to saturated zone Shrink-swell | 1.00 0.50 | Somewhat limited Depth to saturated zone | 0.07 |
| Atlee | | Not Rated | | Not Rated | | Not Rated | |
| Emporia | | Not Rated | | Not Rated | | Not Rated | |
| Kempsville | | Not Rated | | Not Rated | | Not Rated | |
| 21C: | | | | | | | |
| Slagle | 80 | Somewhat limited Depth to saturated zone | 0.07 | Very limited Depth to saturated zone Shrink-swell | 1.00 0.50 | Very limited Slope Depth to saturated zone | 1.00 0.07 |
| Emporia | | Not Rated | | Not Rated | | Not Rated | |

Table ENG-3. - Building Site Development - Continued

Essex County, Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Dwellings without Basements | | Dwellings with Basements | | Small Commercial Buildings | |
|-----------------------------|--------------------------|--|-------|--|-------|--|-------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 21C: | | | | | | | |
| Kempsville | | Not Rated | | Not Rated | | Not Rated | |
| 22A: | | | | | | | |
| State | 90 | Not limited | | Somewhat limited Depth to saturated zone | 0.15 | Not limited | |
| Bojac | | Not Rated | | Not Rated | | Not Rated | |
| State | | Not Rated | | Not Rated | | Not Rated | |
| Tetotum | | Not Rated | | Not Rated | | Not Rated | |
| 22B: | | | | | | | |
| State | 90 | Not limited | | Somewhat limited Depth to saturated zone | 0.15 | Not limited | |
| Bojac | | Not Rated | | Not Rated | | Not Rated | |
| Tetotum | | Not Rated | | Not Rated | | Not Rated | |
| 23A: | | | | | | | |
| Suffolk | 90 | Not limited | | Not limited | | Not limited | |
| Kempsville | | Not Rated | | Not Rated | | Not Rated | |
| Rumford | | Not Rated | | Not Rated | | Not Rated | |
| 23B: | | | | | | | |
| Suffolk | 90 | Not limited | | Not limited | | Not limited | |
| Kempsville | | Not Rated | | Not Rated | | Not Rated | |
| Rumford | | Not Rated | | Not Rated | | Not Rated | |
| 24A: | | | | | | | |
| Tetotum | 80 | Somewhat limited Depth to saturated zone | 0.39 | Very limited Depth to saturated zone | 1.00 | Somewhat limited Depth to saturated zone | 0.39 |
| Munden | | Not Rated | | Not Rated | | Not Rated | |
| State | | Not Rated | | Not Rated | | Not Rated | |
| Tomotley | | Not Rated | | Not Rated | | Not Rated | |
| 24B: | | | | | | | |
| Tetotum | 80 | Somewhat limited Depth to saturated zone | 0.39 | Very limited Depth to saturated zone | 1.00 | Somewhat limited Depth to saturated zone | 0.39 |

Table ENG-3. - Building Site Development - Continued

Essex County, Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Dwellings without Basements | | Dwellings with Basements | | Small Commercial Buildings | |
|-----------------------------|--------------------------|--|-------|--|-------|--|-------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 24B: | | | | | | | |
| Munden | | Not Rated | | Not Rated | | Not Rated | |
| State | | Not Rated | | Not Rated | | Not Rated | |
| Tomotley | | Not Rated | | Not Rated | | Not Rated | |
| 25A: | | | | | | | |
| Tomotley | 80 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| Augusta | | Not Rated | | Not Rated | | Not Rated | |
| Chickahominy | | Not Rated | | Not Rated | | Not Rated | |
| Tetotum | | Not Rated | | Not Rated | | Not Rated | |
| W: | | | | | | | |
| Water | 100 | Not Rated | | Not Rated | | Not Rated | |